

What is claimed:

1. A woven fabric comprising warp fibers and a weft wherein:

- a) the weft is selected from the group consisting of pick-and-pick and co-insertion constructions;
- b) the weft comprises a spun staple yarn and a polyester bicomponent filament wherein said polyester bicomponent filament comprises poly(ethylene terephthalate) and poly(trimethylene terephthalate); and
- c) the polyester bicomponent filament has an after heat-set crimp contraction value of from about 10% to about 80%.

2. The fabric of claim 1 wherein:

the spun staple yarn is cotton;

the fabric has a weft elongation of from about 12% to about 35%.

3. The fabric of claim 1 wherein the weft is a pick-and-pick construction.

4. The fabric of claim 1 wherein the weft is a co-insertion construction.

5. The fabric of claim 1 wherein the polyester bicomponent filament has an after heat-set crimp contraction value of at least about 35%.

6. The fabric of claim 1 wherein:

the fabric is a twill;

the fabric has a normalized unload power of at least about 2.2 N-m/g; and

the warp fibers are spun staple yarns.

7. The fabric of claim 1 having a warp

elongation of from about 15% to about 35% and

comprising from about 5 wt% to about 25 wt% bicomponent filament.

8. A process for making a weft-stretch fabric comprising the steps of:

a) providing a bicomponent filament comprising poly(ethylene terephthalate) and poly(trimethylene terephthalate), said bicomponent filament having an after heat-set crimp contraction value of at least about 10%;

b) providing a spun staple yarn;

c) providing warp fibers; and

d) weaving the bicomponent filament and the spun staple yarn with the warp fibers by a method selected from the group consisting of co-insertion and pick-and-pick to form the fabric.

9. The process of claim 8 wherein the spun staple yarn of step (b) is cotton and the weaving method of step (d) is pick-and-pick.

10. The process of claim 8 wherein:

the bicomponent filament of step (a) has an after heat-set crimp contraction value of from about 35% to about 80%; and

the weaving method of step (d) is co-insertion.

11. The process of claim 8 wherein step (a)

further comprises providing the bicomponent filament in an amount such the fabric of step (d) comprises from about 5 wt% to about 25 wt% bicomponent filament, based on total weight of fabric.